

APPROVED	O.G. FIG. No.
BY	CLASS SUBCLASS
DRAFTSMAN	435 691

Appl. No. 09/126,945; Group Art Unit: 1632
 Dkt. No. 1488 1090000/EKS/GLL; Batch No.: N/A
 Inventors: LIBERMANN *et al.*; Tel: 202/371-2600
 Title: Prostate Derived Ets Factor

1	GTCTGACTTCCTCCCAGCACATTCTGCACTCTGCCGTGTCCCACTGCCCCACAGACCC	60
61	AGTCCTCCAAGCCTGCTGCCAGCTCCCTGCAAGCCCCTCAGGTGGGCCCTGCCACGGTG	120
121	CCAGCAGGCAGCCCTGGGCTGGGGTAGGGGACTCCCTACAGGCACGCAGCCCTGAGACC	180
181	TCAGAGGGCCACCCCTTGAGGTGGCCAGGCCCCCAGTGGCCAACCTGAGTGCCTCT	240
241	GCCACCAGCCCTGCTGGCCCTGGTTCCGCTGGCCCCCAGATGCCTGGCTGAGACACGC	300
301	CAGTGGCCTCAGCTGCCCACACCTCTTCCCGGCCCTGAAGTTGGCACTGCAGCAGACAG	360
361	CTCCCTGGGCACCAGGCAGCTAACAGACACAGCCGCCAGCCAAACAGCAGCGGCATGGG	420
1		M G 2
421	CAGCGCCAGCCCGGTCTGAGCAGCGTATCCCCAGCCACCTCCTGCTGCCCCCGACAC	480
3	S A S P G L S S V S P S H L L L P P D T	22
481	GGTGTCCGGACAGGCTTGAGAAGGCGGCAGCGGGGCAGTGGGTCTGAGAGACGGGA	540
23	V S R T G L E K A A A G A V G L E R R D	42
541	CTGGAGTCCCAGTCCACCCGCCACGCCGAGCAGGGCCTGTCCGCCTTCTACCTCTCCTA	600
43	W S P S P P A T P E Q G L S A F Y L S Y	62
601	CTTTGACATGCTGTACCCTGAGGACAGCAGCTGGGCAGCCAAGGCCCTGGGGCCAGCAG	660
63	F D M L Y P E D S S W A A K A P G A S S	82
661	TCGGGAGGAGCCACCTGAGGAGCCTGAGCAGTGCCCGGTATTGACAGCCAAGCCCAGC	720
83	R E E P P E E P E Q C P V I D S Q A P A	102
721	GGGCAGCCTGGACTTGGTGGCCGGGGCTGACCTTGGAGGAGCACTCGCTGGAGCAGGT	780
103	G S L D L V P G G L T L E E H S L E Q V	122
781	GCAGTCCATGGTGGTGGCGAAGTGCTCAAGGACATCGAGACGGCCTGCAAGCTGCTCAA	840
123	Q S M V V G E V L K D I E T A C K L L N	142
841	CATCACCGCAGATCCCATGGACTGGAGCCCCAGCAATGTGCAGAAGTGGCTCCTGTGGAC	900
143	<u>I T A D P M D W S P S N V Q K W L L W T</u>	162

FIG. 1A

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901	AGAGCACCAATACCGGCTGCCCCCATGGGCAAGGCCTTCCAGGAGCTGGCGGGCAAGGA	960
163	<u>E H Q Y R L P P M G K A F Q E L A G K E</u>	182
961	GCTGTGCGCCATGTCCGAGGAGCAGTTCGCCAGCGCTCGCCCTGGGTGGGGATGTGCT	1020
183	<u>L C A M S E E Q F R Q R S P L G G D V L</u>	202
1021	GCACGCCACCTGGACATCTGGAAGTCAGCGCCTGGATGAAAGAGCGGACTTCACCTGG	1080
203	<u>H A H L D I W K S A A W M K E R T S P G</u>	222
1081	GGCGATTCACTACTGTGCCTCGACCAGTGAGGAGAGCTGGACCGACAGCGAGGTGGACTC	1140
223	<u>A I H Y C A S T S E E S W T D S E V D S</u>	242
1141	ATCATGCTCCGGGAGCCCATCCACCTGTGGCAGTTCCTCAAGGAGTTGCTACTCAAGCC	1200
243	<u>S C S G Q P I H L W Q F L K E L L L K P</u>	262
1201	CCACAGCTATGGCCGCTTCATTAGGTGGCTCAACAAGGAGAAGGGCATCTCAAATGA	1260
263	<u>H S Y G R F I R W L N K E K G I F K I E</u>	282
1261	GGACTCAGCCAGGTGGCCCGCTGTGGGGCATCCGCAAGAACCGTCCCGCCATGAACTA	1320
283	<u>D S A Q V A R L W G I R K N R P A M N Y</u>	302
1321	CGACAAGCTGAGCCGCTCCATCCGCCAGTATTACAAGAAGGGCATCATCCGGAAGCCAGA	1380
303	<u>D K L S R S I R Q Y Y K K G I I R K P D</u>	322
1381	CATCTCCAGCGCCTCGTCTACCAGTTCGTGCACCCCATCTGAGTGCCTGGCCCAGGGCC	1440
323	<u>I S Q R L V Y Q F V H P I *</u>	336
1441	TGAAACCGCCCTCAGGGGCTCTCTCCTGCCTGCCCTGCCTCAGCCAGGCCCTGAGATG	1500
1501	GGGAAAACGGGCAGTCTGCTCTGCTGCTGTACCTTCCAGAGCCCAAGGTACGGGAGGG	1560
1561	GCAACCAACTGCCCCAGGGGATATGGGTCTCTGGGGCTTCGGGACCATGGGGCAGGG	1620
1621	GTGCTTCTCCTCAGGCCCAGCTGCTCCCCTGGAGGACAGAGGAGACAGGGCTGCTCCC	1680
1681	CAACACCTGCCTCTGACCCAGCATTTCCAGAGCAGAGCCTACAGAAGGGCAGTACTCG	1740
1741	ACAAAGGCCACAGGCAGTCCAGGCCTCTCTGTCTCCATCCCCCTGCCTCCCATCTGCA	1800
1801	CCACACCTGGCATGGTGCAGGGAGACATCTGCACCCCTGAGTTGGGCAGCCAGGAGTCCC	1860
1861	CCCGGAATGGATAATAAGATACTAGAGAACTG	1894

FIG. 1B

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		10	20	30	40																																				
1	M	G	S	A	S	P	G	L	S	S	V	S	P	S	H	L	L	P	P	D	T	V	S	R	T	G	L	E	K	A	A	G	A	V	G	L	E	R	PDEF		
1	T	N	A	S	N	G	G	T	A	T	V	K	R	P	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ETS-4		
		50	60	70	80																																				
41	R	D	W	S	P	S	P	P	A	T	P	E	Q	G	L	S	A	F	Y	L	S	Y	F	D	M	L	Y	P	E	D	S	S	W	A	A	K	A	P	G	A	PDEF
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ETS-4		
		90	100	110	120																																				
81	S	S	R	E	E	P	P	E	E	P	E	Q	C	P	V	I	D	S	Q	A	P	A	G	S	L	D	L	V	P	G	G	L	T	L	E	E	H	S	L	E	PDEF
23	G	S	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ETS-4		
		130	140	150	160																																				
121	Q	V	Q	S	M	V	V	G	E	V	L	K	D	I	E	T	A	C	K	L	L	N	I	T	A	D	P	M	D	W	S	P	S	N	V	Q	K	W	L	L	PDEF
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ETS-4		
		170	180	190	200																																				
161	W	T	E	H	Q	Y	R	L	P	P	M	G	K	A	F	Q	E	L	A	G	K	E	L	C	A	M	S	E	E	Q	F	R	Q	R	S	P	L	G	G	D	PDEF
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ETS-4		
		210	220	230	240																																				
201	V	L	H	A	H	L	D	I	W	K	S	A	A	W	M	K	E	R	T	S	P	G	A	I	H	Y	C	A	S	T	S	E	E	S	W	T	D	S	E	V	PDEF
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ETS-4		
		250	260	270	280																																				
241	D	S	S	C	S	G	Q	P	I	H	L	W	Q	F	L	K	E	L	L	L	K	P	H	S	Y	G	R	F	I	R	W	L	N	K	E	K	G	I	F	K	PDEF
26	-	-	-	-	-	-	-	-	I	H	L	W	Q	F	L	K	E	L	L	A	S	P	Q	V	N	G	T	A	I	R	W	I	D	R	S	K	G	I	F	K	ETS-4
		290	300	310	320																																				
281	I	E	D	S	A	Q	V	A	R	L	W	G	I	R	K	N	R	P	A	M	N	Y	D	K	L	S	R	S	I	R	Q	Y	Y	K	K	G	I	I	R	K	PDEF
58	I	E	D	S	V	R	V	A	K	L	W	G	R	R	K	N	R	P	A	M	N	Y	D	K	L	S	R	S	I	R	Q	Y	Y	K	K	G	I	M	K	K	ETS-4
		330																																							
321	P	D	I	S	Q	R	L	V	Y	Q	F	V	H	P	-	-	I																						PDEF		
98	T	E	R	S	Q	R	L	V	Y	Q	F	C	H	P	Y	S	Q																						ETS-4		

FIG.2

APPROVED	O.G. FIG.	
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Appl. No. 09/126,945; Group Art Unit: 1632
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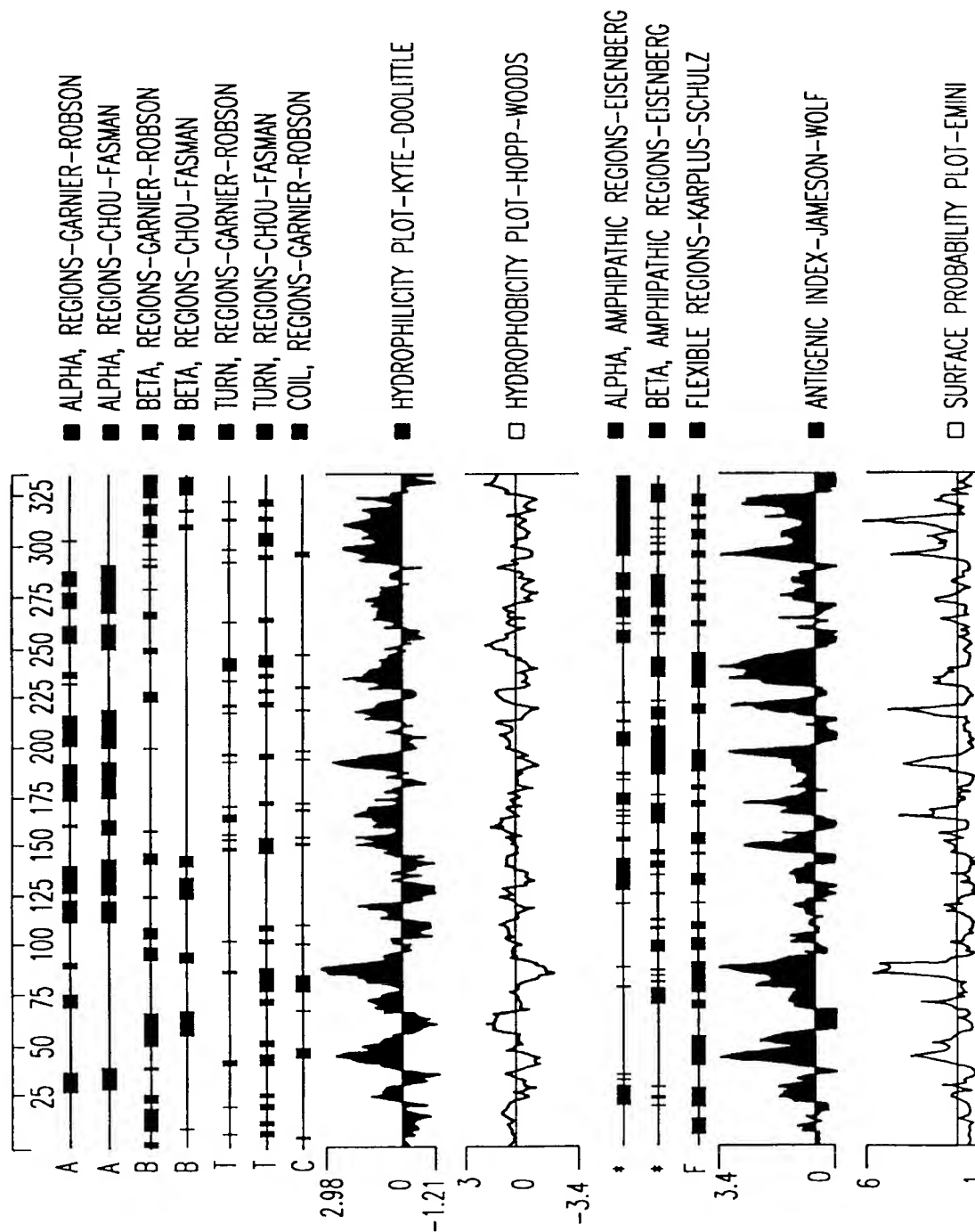
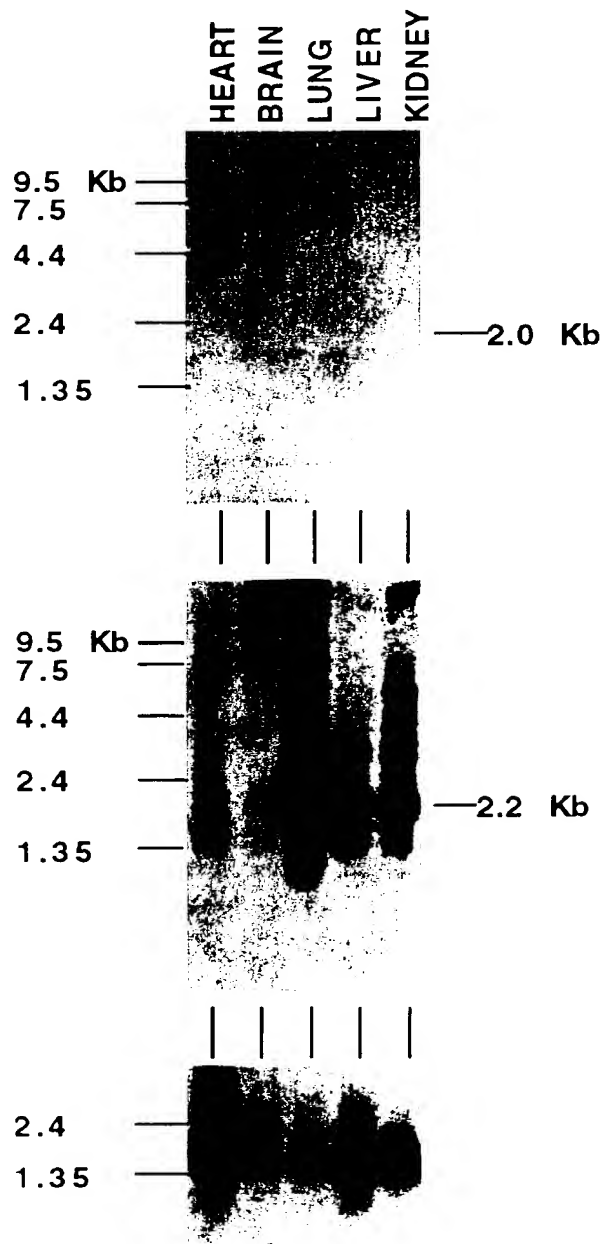


FIG.3

APPROVED	O.G. FIG.
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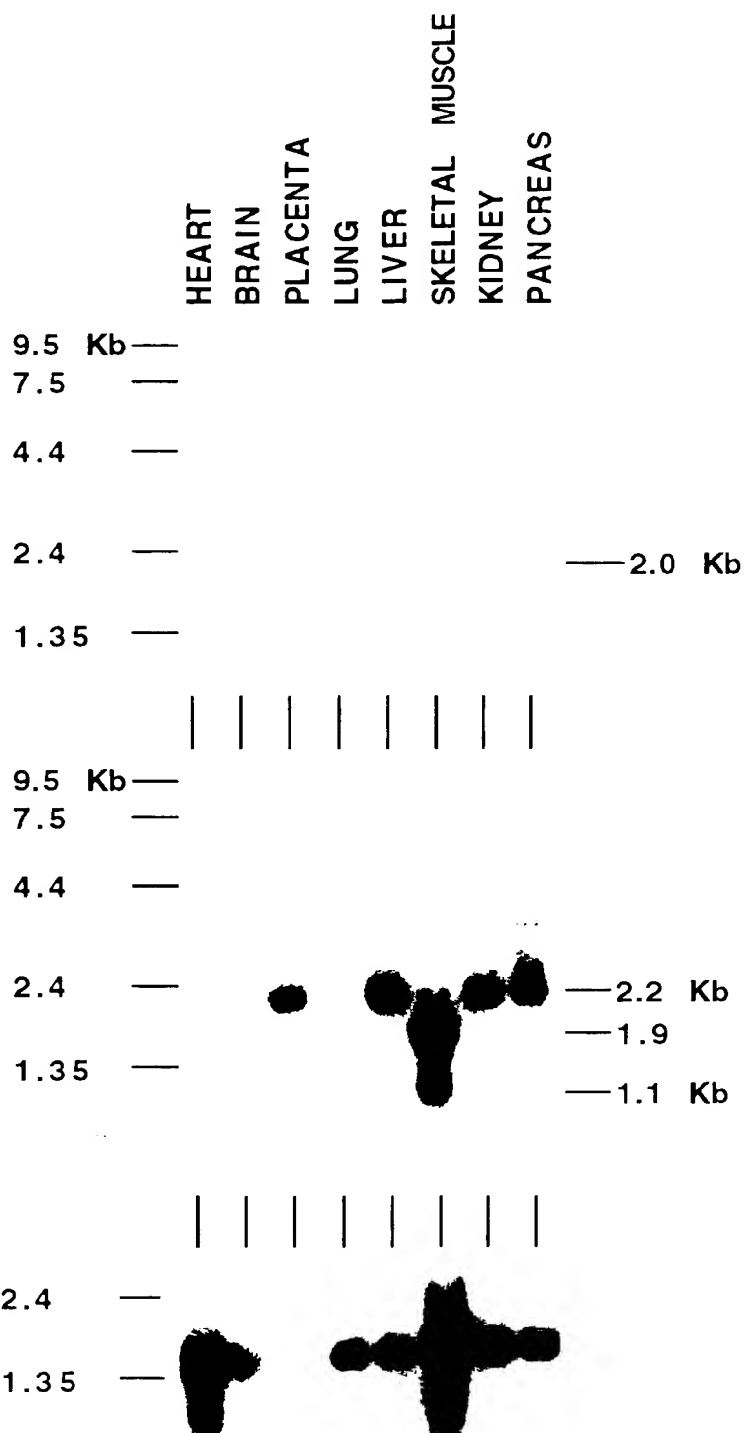
Appl. No. 09/126,945; Group Art Unit: 1632
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FETAL
FIG.4A

APPROVED	O.G. FIG.	
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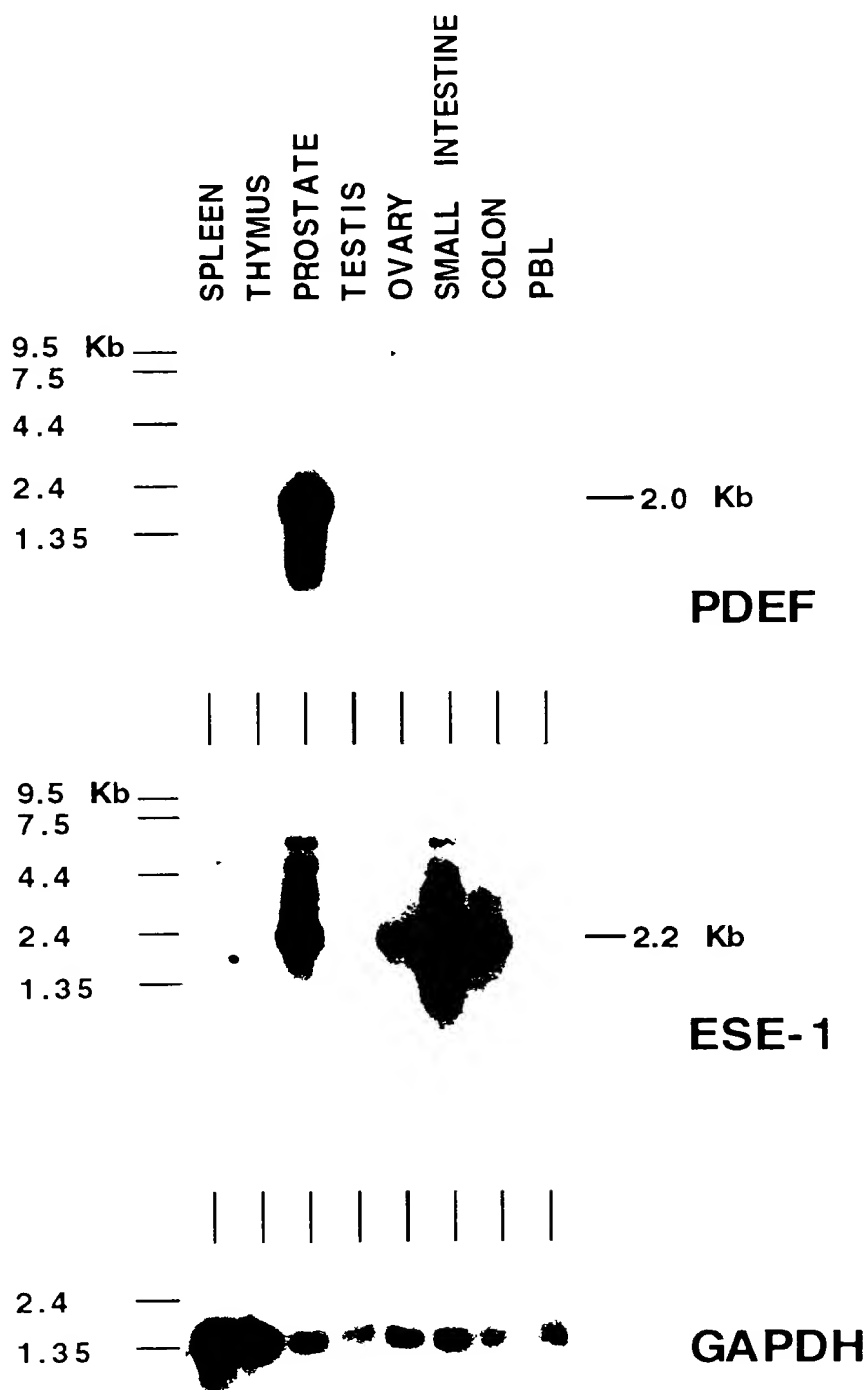
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ADULT
FIG.4B

APPROVED	O.G. FIG.	
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ADULT

FIG.4C

APPROVED	O.G. FIG.	
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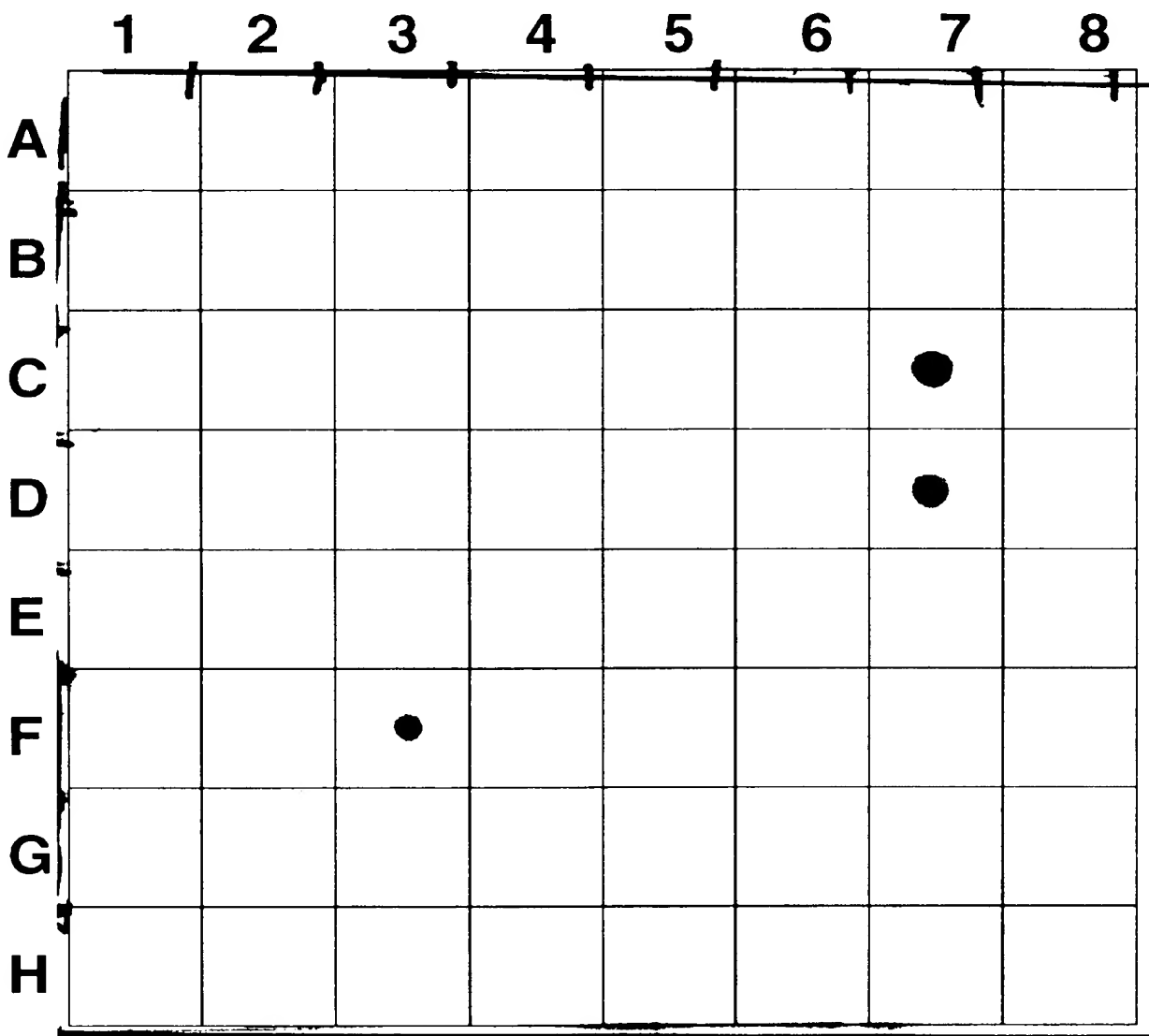


FIG.5A

APPROVED	O.G. FIG.	
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	1	2	3	4	5	6	7	8
A	whole brain	amygdala	caudate nucleus	cerebellum	cerebral cortex	frontal lobe	hippocampus	medulla oblongata
B	occipital lobe	putamen	substantia nigra	temporal lobe	thalamus	sub-thalamic nucleus	spinal cord	
C	heart	aorta	skeletal muscle	colon	bladder	uterus	prostate	stomach
D	testis	ovary	pancreas	pituitary gland	adrenal gland	thyroid gland	salivary gland	mammary gland
E	kidney	liver	small intestine	spleen	thymus	peripheral leukocyte	lymph node	bone marrow
F	appendix	lung	trachea	placenta				
G	fetal brain	fetal heart	fetal kidney	fetal liver	fetal spleen	fetal thymus	fetal lung	
H	yeast RNA	yeast tRNA	E. coli rRNA	E. coli DNA	Poly r(A)	human C ₀ t1 DNA	human DNA 100 ng	human DNA 500 ng

FIG.5B

APPROVED	O.G. FIG.	
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FIG. 6B

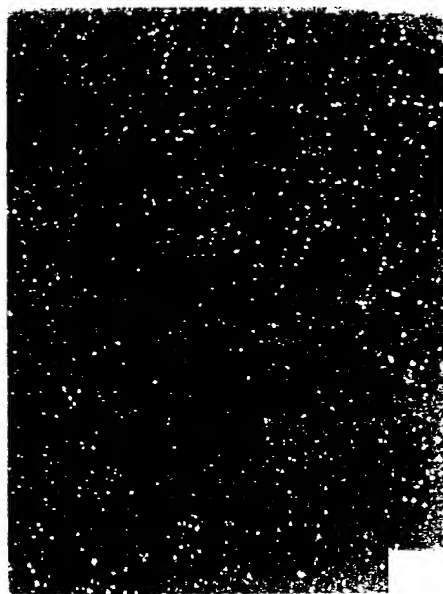


FIG. 6D



FIG. 6A



FIG. 6C

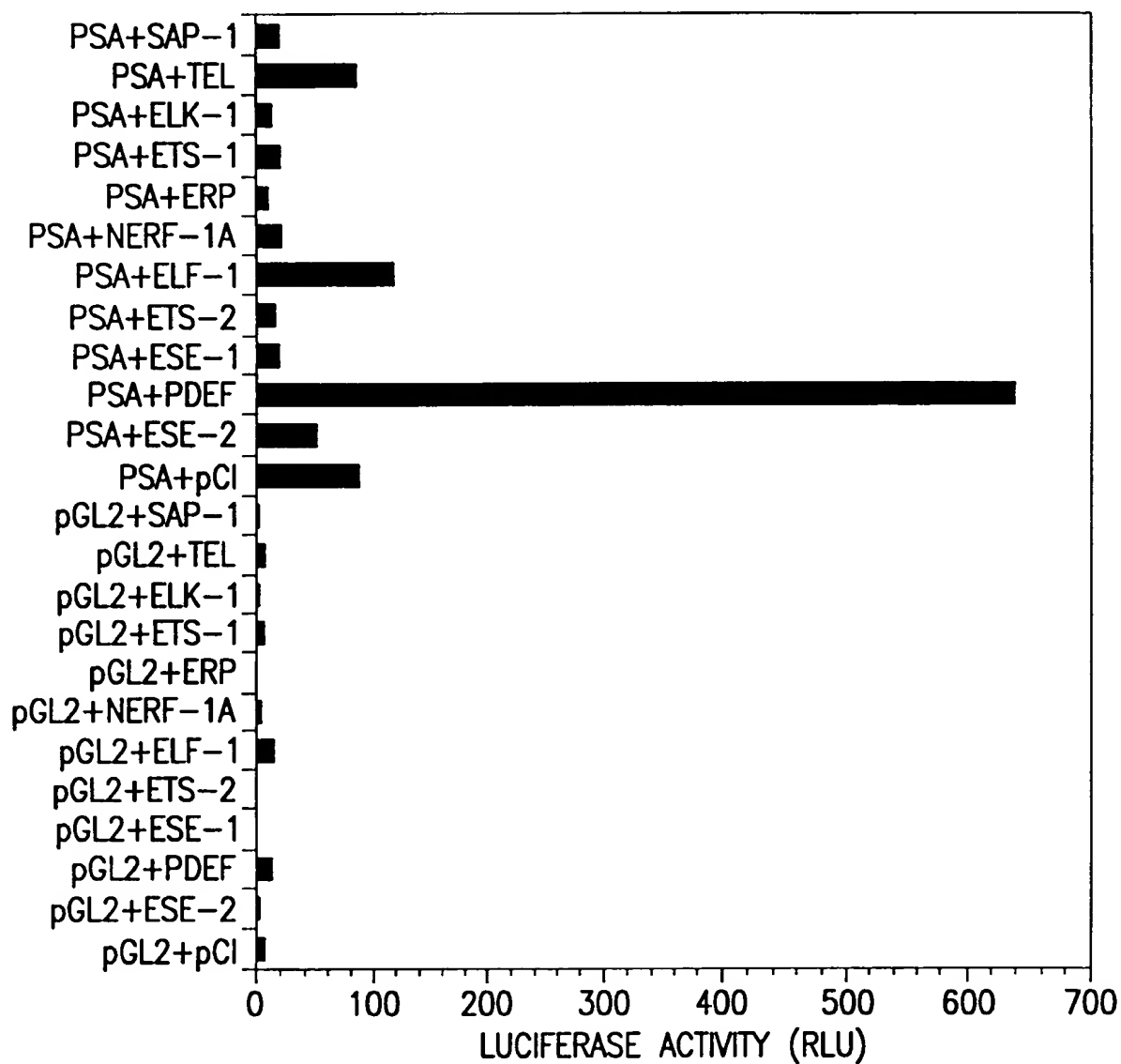


FIG.7

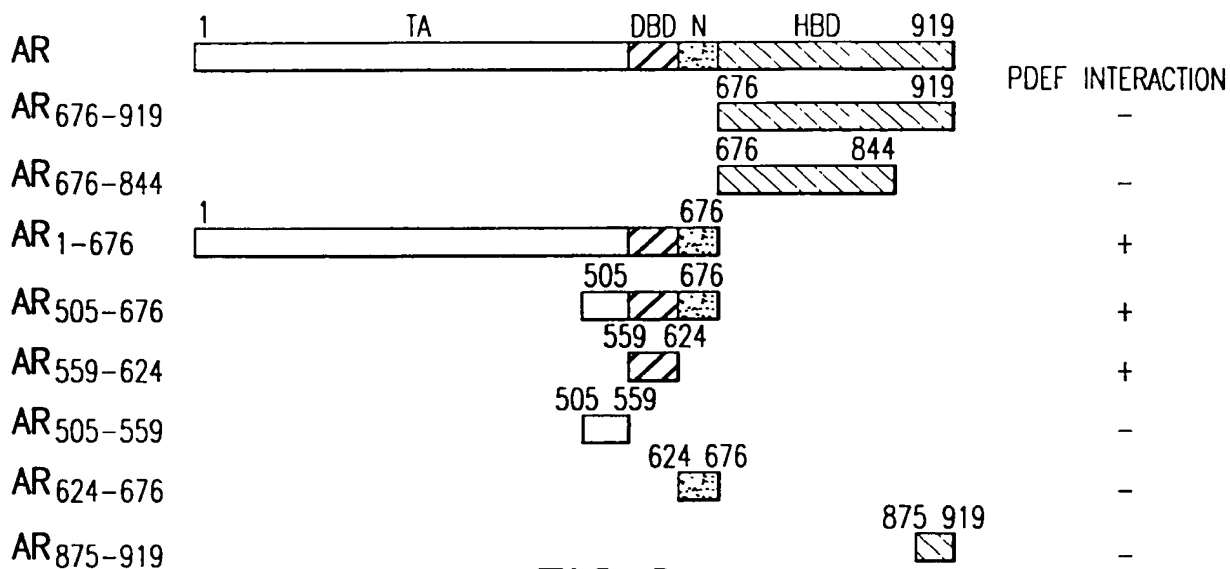


FIG. 8

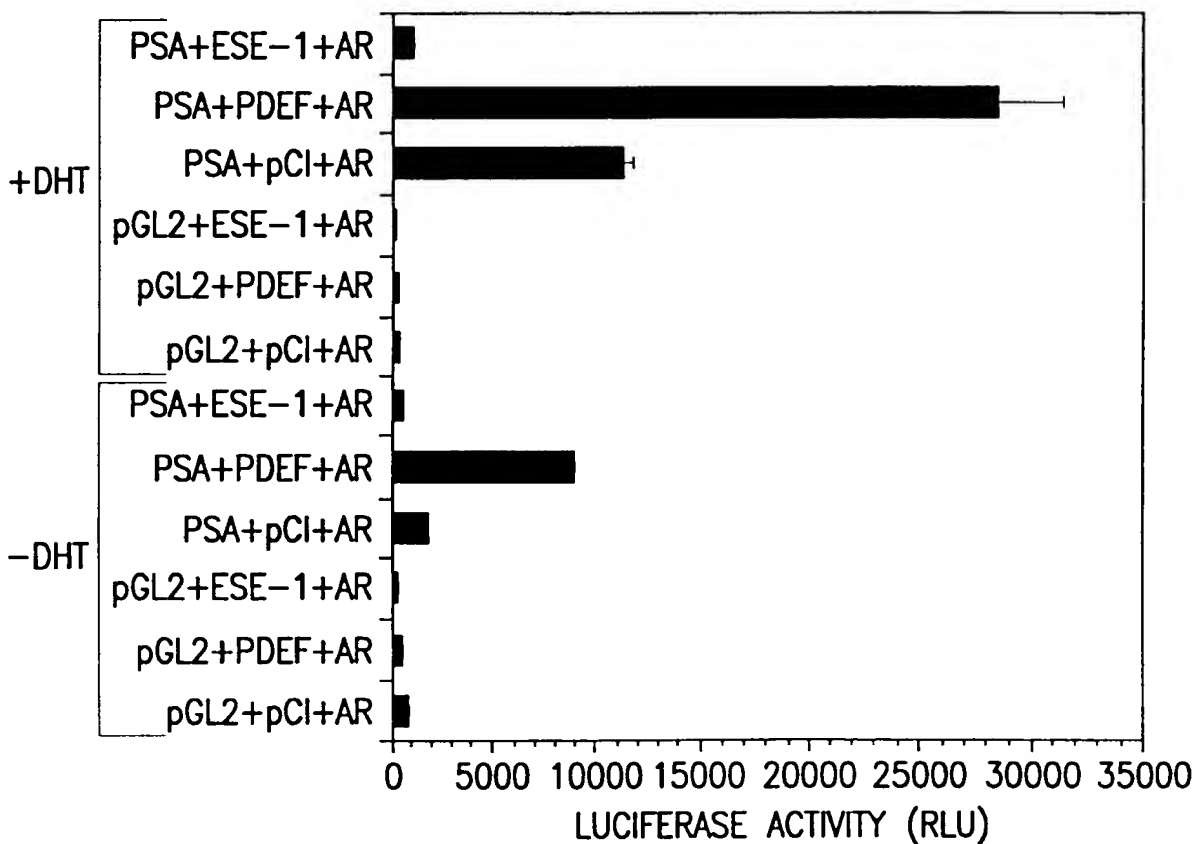


FIG. 11

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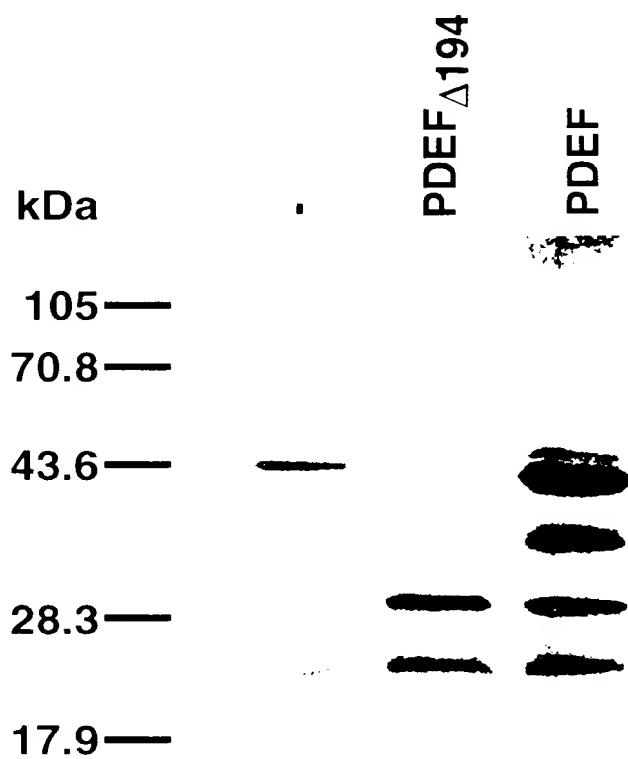


FIG.9

APPROVED	O. G. FIG.	
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PDEF
↓

FIG.10

GST

GST-CTBP

GST-AR1-676

GST-AR505-676

GST-AR505-919

GST-AR676-919

GST-AR676-844

GST-AR875-919

GST-AR505-559

GST-AR559-624

GST-AR624-676